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JMS/BPH/sjh  
November 9, 2007



1764  
PATENT APPLICATION  
DOCKET NO. 3402.1007-000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Lawrence G. Clawson, Mark R. Hagan, Chunming Frank Qi and William F. Northrop

Application No.: 10/012,195 Group: 1764

Filed: December 5, 2001 Examiner: Handal, Kaity V.

Confirmation No.: 5684

For: HEAT TRANSFER OPTIMIZATION IN MULTI SHELLED REFORMERS

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on:

11/16/07

Date

Signature

Samantha Helman  
Typed or printed name of person signing certificate

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an Amendment for filing in the above-identified application.

- Small entity status of this application under 37 CFR 1.9 and 1.27 has been established by a Small Entity Statement previously submitted.
- A Small Entity Statement to establish small entity status under 37 CFR 1.9 and 1.27 is enclosed.

**The claims fee has been calculated as shown below:**

					SMALL ENTITY	OTHER THAN SMALL ENTITY
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDIT. FEE
TOTAL	8	MINUS	* 50	0	X \$25	\$
INDEP	1	MINUS	** 12	0	X \$105	\$
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM						

\* not fewer than 20

\*\* not fewer than 3

TOTAL = \$       0      

TOTAL = \$       0      

**The Application Size Fee has been calculated as shown below:**

*(Effective for cases filed on or after December 8, 2004)*

Actual Sheets (Including current amendment)	Highest No. of Sheets Paid For (At least 100)	No. of Additional Units Required (Increments of 50 sheets)	SMALL ENTITY		OTHER THAN SMALL ENTITY		Payment Sufficient for up to
			Rate	Total Amount Owed	Rate	Total Amount Owed	
			X \$130	\$[ ]	X \$260	\$[ ]	[ ] Sheets

### Petition for Extension of Time

Applicant hereby petitions to extend the time to respond to the Office Action dated May 16, 2007 for three months from August 16, 2007 to November 16, 2007. The appropriate fee is set forth below.

*[For action-specific language in an extension of time, select the appropriate option from the Firm Templates]*

10/012,195

-3-

**Please charge Deposit Account No. 08-0380 for the following fees:**

<input type="checkbox"/>	Petition for [ ] month Extension of Time	\$ _____
<input type="checkbox"/>	Claims Fee	\$ _____
<input type="checkbox"/>	Application Size Fee	\$ _____
<input type="checkbox"/>	Other Fees:	\$ _____
		\$ _____
		\$ _____
		<b>TOTAL:</b> \$ _____

**A check is enclosed in payment of the following fees:**

<input checked="" type="checkbox"/>	Petition for three month Extension of Time	\$ 1,050
<input type="checkbox"/>	Claims Fee	\$ _____
<input type="checkbox"/>	Application Size Fee	\$ _____
<input type="checkbox"/>	Other Fees:	\$ _____
		\$ _____
		\$ _____
		<b>TOTAL:</b> \$ 1,050

Please charge any deficiency or credit any overpayment in the fees that may be due in this matter to Deposit Account No. 08-0380. A copy of this letter is enclosed for accounting purposes.

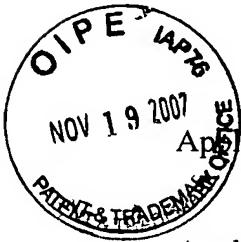
Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By   
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Dated: 11/16/97



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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AMENDMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Amendment is being filed in response to the Office Action mailed from the U.S. Patent and Trademark Office on May 16, 2007 in the above-identified application. Reconsideration and further examination are requested.

An extension of time to respond to the Office Action is respectfully requested. A Petition for Extension of Time and the appropriate fee are being filed concurrently with this Amendment.

Please amend the application as follows: